



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
GRAND RAPIDS DISTRICT OFFICE



KEITH CREAGH
DIRECTOR

June 15, 2016

Mr. Darrel Moore
Gerdau Monroe Mill
3000 East Front Street
Monroe, Michigan 48161

SRN: B7061, Monroe County

Dear Mr. Moore:

VIOLATION NOTICE

On April 27, 2016, the Department of Environmental Quality (DEQ), Air Quality Division (AQD), received the results of emission testing conducted on February 25-26, 2016 at Gerdau Monroe Mill, located at 3000 East Front Street, Monroe, Michigan. This testing was conducted to determine compliance with the emission limits for the electric arc furnace (EAF), vacuum tank degassers (VTD) and ladle metallurgy furnace (LMF) (PTI No.102-12A). Additionally, on March 10, 2016, the AQD received the revised results of emission testing conducted on July 17, 2015. This testing was conducted to determine compliance with the emission limits for the walking beam billet reheat furnace per PTI No. 102-12A.

The following violations were identified in the test reports:

Process Description	Rule/Permit Condition Violated	Comments
FGMELTSHOP (Combined emissions from the EAF, VTD, LMF)	PTI No. 102-12A FGMELTSHOP Special Condition I.4	Exceedance of particulate matter (PM10) emission rate in pounds per hour.
	PTI No. 102-12A FGMELTSHOP Special Condition I.6	Exceedance of particulate matter (PM2.5) emission rate in pounds per ton of liquid steel.
	PTI No. 102-12A FGMELTSHOP Special Condition I.7	Exceedance of particulate matter (PM2.5) emission rate in pounds per hour.
	PTI No. 102-12A FGMELTSHOP Special Condition I.15	Exceedance of nitrogen oxide (NOx) emission rate in pounds per ton of liquid steel.
	PTI No. 102-12A FGMELTSHOP Special Condition I.18	Exceedance of volatile organic compound (VOC) emission rate in pounds per ton of liquid steel.
	PTI No. 102-12A FGMELTSHOP Special Condition I.19	Exceedance of volatile organic compound (VOC) emission rate in pounds per hour.

Mr. Darrel Moore
Gerdau Monroe Mill
Page 2
June 15, 2016

Process Description	Rule/Permit Condition Violated	Comments
EUBULLETREHEATWB	PTI No. 102-12A Special Condition 1.4	Exceedance of NOx emission limit in pounds MMBTU.

Please initiate actions necessary to correct the cited violations and submit a written response to this Violation Notice by July 5, 2016 (which coincides with 21 calendar days from the date of this letter). The written response should include: the dates the violations occurred; an explanation of the causes and duration of the violations; whether the violations are ongoing; a summary of the actions that have been taken and are proposed to be taken to correct the violations and the dates by which these actions will take place; and what steps are being taken to prevent a reoccurrence.

If Gerdau Monroe Mill believes the above observations or statements are inaccurate or do not constitute a violation of the applicable legal requirements cited, please provide appropriate factual information to explain your position.

Thank you for your attention to resolving the violation cited above. If you have any questions regarding the violations or the actions necessary to bring this facility into compliance, please contact me at the number listed below.

Sincerely,



Eric Grinstern
Environmental Quality Specialist
Air Quality Division
616-356-0266

cc: Mr. Scott Miller, DEQ
cc/via e-mail: Ms. Lynn Fiedler, DEQ
Ms. Heidi Hollenbach, DEQ
Mr. Thomas Hess, DEQ
Mr. Michael Gabor, DEQ